

Zonal Informatics Olympiad, 2008: *Answer sheet*

1. (a) 7 bit code for 78:
- (b) 9 bit code for 183:
- (c) Integer denoted by 1100110011:
- (d) Integer denoted by 1011010110:
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2. (a) Minimum semesters needed:
- (b) Minimum semesters needed:
- (c) Minimum semesters needed:
- (d) Minimum semesters needed:
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3. (a) No. of ways to hang signs:
- (b) No. of ways to hang signs:
- (c) No. of ways to hang signs:
- (d) No. of ways to hang signs:
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4. (a) Trees inherited by Akhil:
- (b) Trees inherited by Akhil:
- (c) Trees inherited by Akhil:
- (d) Trees inherited by Akhil:
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